

We claim as our invention:

1. A technique for bilevel printing of a figure comprising:  
providing an inkjet printhead having a nozzle pitch of a first resolution;  
creating a higher resolution bitmap which resolution is greater than the first resolution;  
converting the higher resolution bitmap for printing onto an asymmetrical pixel grid having  
the first resolution in one axis and the higher resolution in a second axis, wherein said converting  
includes applying a depletion pattern only in the axis of higher resolution.
2. The technique of claim 1 wherein said converting includes applying a narrowing pattern  
only in the axis of higher resolution.
3. The technique of claim 1 wherein said converting includes applying a logical operation  
on certain rows of the higher resolution bitmap to determine whether or not to print any pixels  
which are un-preserved as a result of printing onto the asymmetrical pixel grid.
4. The technique of claim 3 wherein said applying includes applying a logical operation on  
three adjacent rows of the higher resolution bitmap.